

Human	MMQNTCHRMSTFHPGRGCPGR
Human	GGHARPSAPSFPPQNLRLHLPQQPPVQYQYEPSPAPSTTTSNPAPNLFPPRPDPVFPFPPMPPSAQGLPFCPIRPPFPNQHMRHPFPVPPCFPPMP
Human	PPMPCPNPPVPVPGAPPQGGTFFPMPPPPSMPPHPPPPPPVMPQVNYQYPPGYSHNTPPPSFNSFQNNPSSFLPSANNSSSPHFRHLPPYPLPKAPSER
Human	SPERLKHYDDHRHRDHSGRGERHRSLSDRRERGRSPDRRRQDSRYRSDYDRGRTPSRHSYSERSRERERHRHRDRNRSPSLERSYKKEYKRSGRSYG
Human	LSVVPEPAGCTPELPGEIIKNTDSWAPPLEIVNHRSPSREKKARWEEKDRSDNQSSGDKNYTTSIKEKEPEETMPDKNEEEEEELKPPVWIRCTHS
Human	ENYSSDPMQVGDSTVVGTSRLRDLYDKFEEELGSRQEKAKAAPPPWPPKTKLDEDLSSSECESEDESDSCSSSDSEVFDVIAETKRRKKAHPDR
Human	LHDELWYNDPGQMNDGPLCKCSAKARRTGIRHSIYPGEEAIIKPCRPMTNNAAGRLFHYRITVSPPTNFLTDRPTVIEWDDHEYIFEGFSMFAHAPLTNIP
Human	LCKVIRFNIDYTIHFIEEMMPENFCVKGLELFSLFRLDILELYDNWNLKGPLFEDSPCCPRFHFMPRFVFLPDGGEVLSMHQIILLYLLRCSKALVP
Human	EEELANMLQWEELEWQKYAECECKGMIVTNPCTKPSVSRIDQDREQFNPDVITTFPIVHFGIRPAQLSYAGDPQYQKLWKSIVKLHLLANSPPKVQTD
Human	KQKLAQREBALQKIRQKNTMRREVTVVELSSQGFWKTGIRSDVCQHAMMLPVLTHIRYHQCLMHLDKLIGYTFQDRCLLQLAMTHPSHNLFGMNPDA
Human	RNSLSNCGIRQPKYGDRKVHHMHMRKKGINTLINIMSRIGQDDPTPS--RINHNERLEFLGDVAVEFLTSHLYLYLFPSSLEEGGLATYRTAIVQNQHLA
Worm	MSLFINIMKGTSGGEPILHNERLEYLGDAVVELIVSHHLYFMLTHHFFEGGLATYRTAIVQNRNLA
PAC	MGRFKRHHEGDSDDSSSSASDLSLRGRRSLGHKRS SHIKNRQYY
RNT	MGSKVAGKKKTQNDNKNLNDNENGSQORENINTKTLKGNLKIISNYKYLEVIOLEHAHTKLIVSYNKIIELSPNLVAYNEAVNNQDRVPVQILPSLSRYQL
Human	MLAKKLE-LDPFML-YAHGPDLCRESDLRHAMANCFFALIGAVYLEGSLEEAKQLFG--RLL-FNDDDLREVWLNYPHLPL-Q-LQEPNTDRQLIETS
Worm	TLAKNCR-IDE-MLQYSHGADLINVAEFKHALANAFEAVMAAIYLDGGLAPCDVIFS--KAMYGHQPVILKEKWDHINEHEL--KREDPQGDRLDSFIT
PAC	ILEKKIRKLMFANKALLEETKHST-----KDDVNLVIPGSTWSHIEGVYEMLKSRHQRQNEPVEEPSHHPKNQKNQENNEPTSEEFEE
RNT	KLAAELKTLHDLKKDAILTEITDYENEFDTQKQ-----PILQEISKADMEXLEKLEQVKREKREKIDVNVYENLNKEDEDEDEGEDSDYDPTKAGDIV

FIGURE 1 (Continued)